

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047279.D
 Acq On : 08 Aug 2025 17:57
 Operator : JC/MD
 Sample : Q2812-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

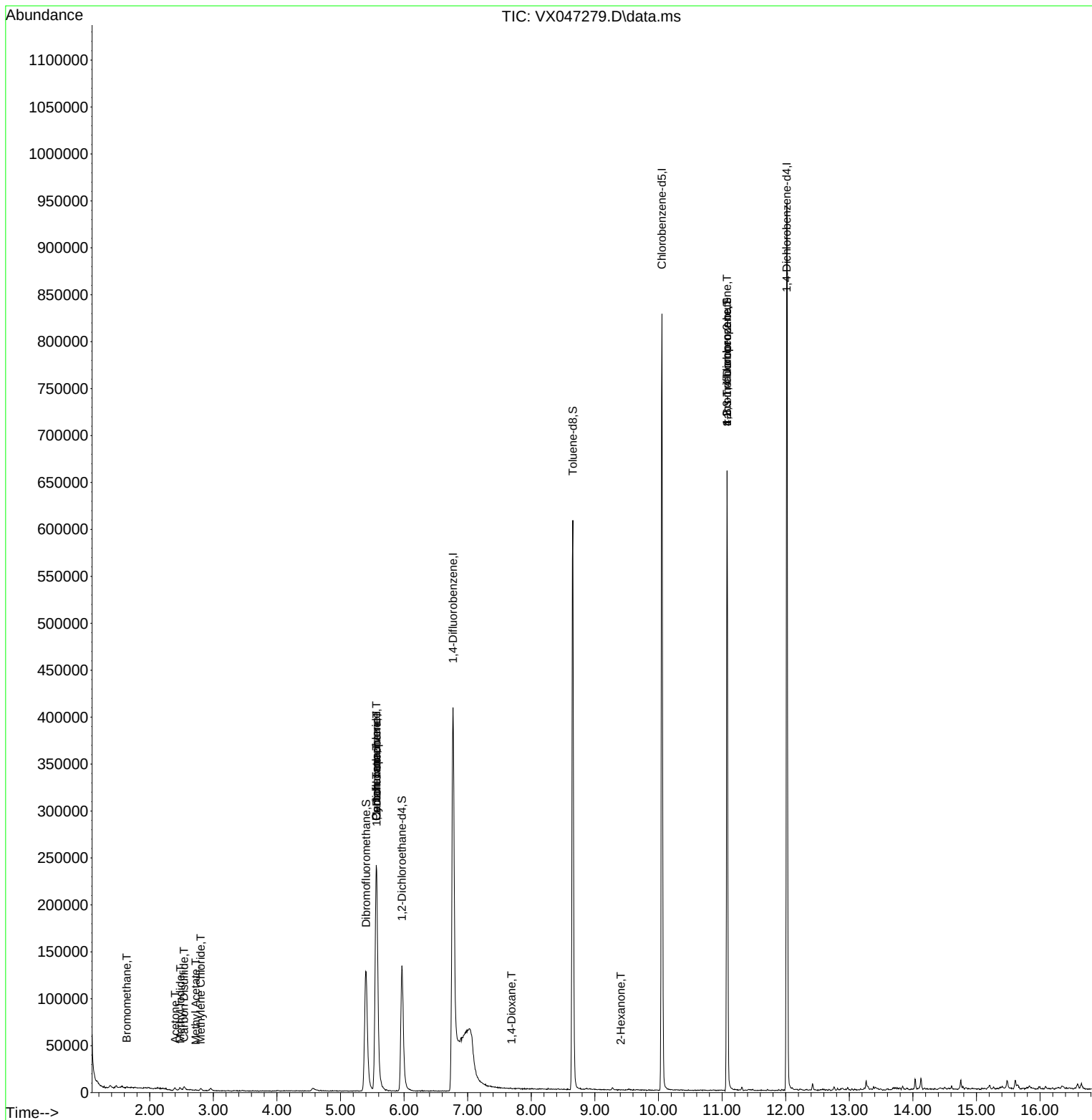
Quant Time: Aug 11 02:06:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

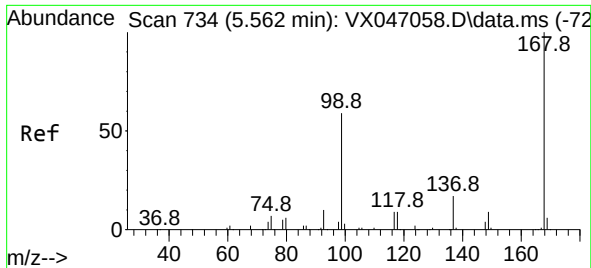
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	243966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	416365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	193215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142242	46.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.403	113	125065	48.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.653	98	368539	44.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.540%#
62) 4-Bromofluorobenzene	11.079	95	179347	49.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	669	0.357	ug/l #	77
10) Methyl Iodide	2.483	142	3553	1.126	ug/l	95
11) Tert butyl alcohol	2.958	59	1390	Below Cal	#	83
16) Acetone	2.398	43	5624	4.619	ug/l #	54
17) Carbon Disulfide	2.538	76	2758	0.311	ug/l #	93
18) Methyl Acetate	2.721	43	1567	0.484	ug/l #	74
20) Methylene Chloride	2.800	84	1007	0.301	ug/l #	79
31) Cyclohexane	5.562	56	2866	0.504	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	19687	4.493	ug/l #	46
38) Carbon Tetrachloride	5.562	117	25738	5.503	ug/l #	17
49) 1,4-Dioxane	7.689	88	29	0.744	ug/l #	1
59) 2-Hexanone	9.409	43	1464	0.592	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	91519	25.590	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91519	65.931	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 11 02:06:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

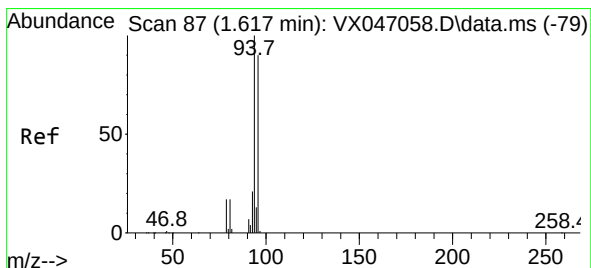
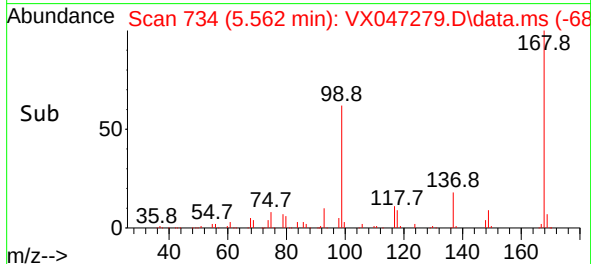
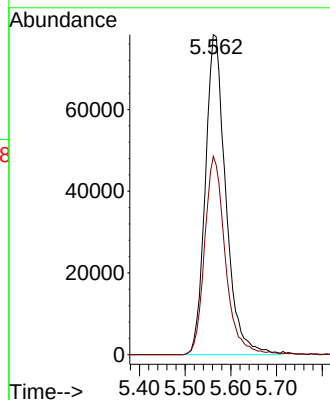
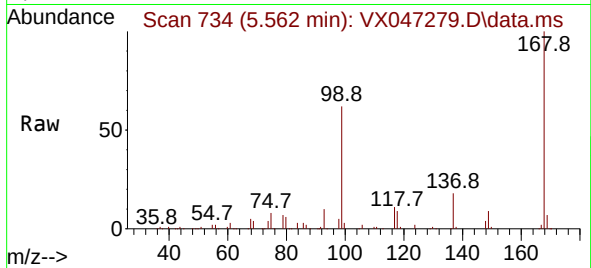




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

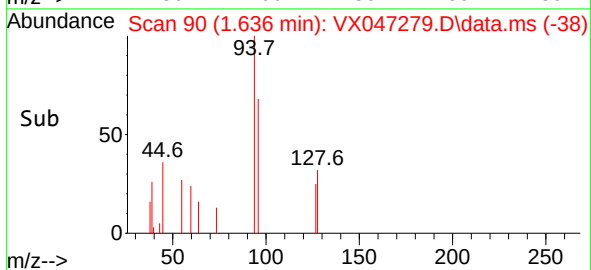
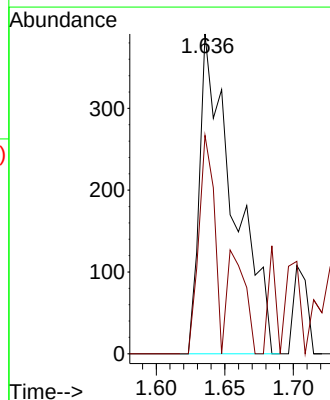
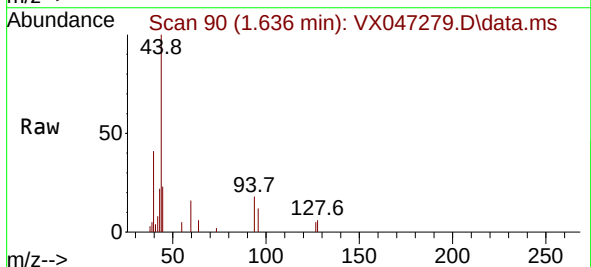
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

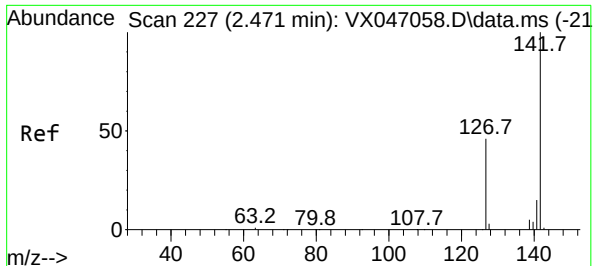
Tgt Ion:168 Resp: 243966
Ion Ratio Lower Upper
168 100
99 62.0 48.0 72.0



#5
Bromomethane
Concen: 0.357 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 68.3 72.3 108.5#

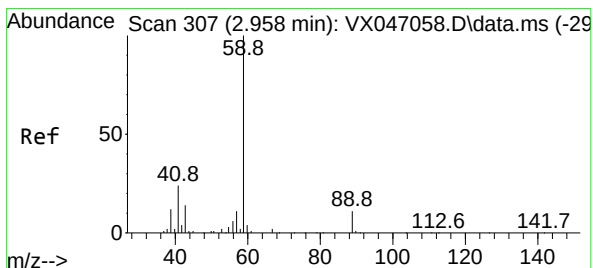
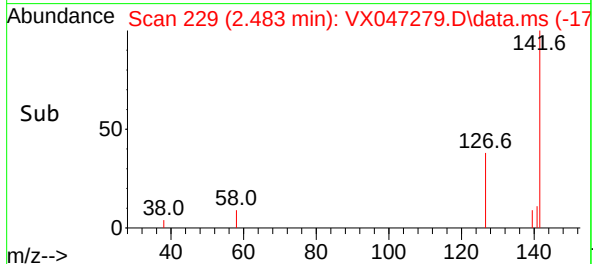
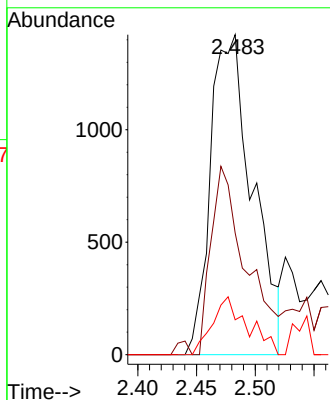
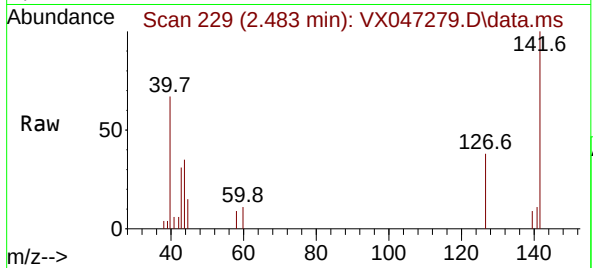




#10
Methyl Iodide
Concen: 1.126 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

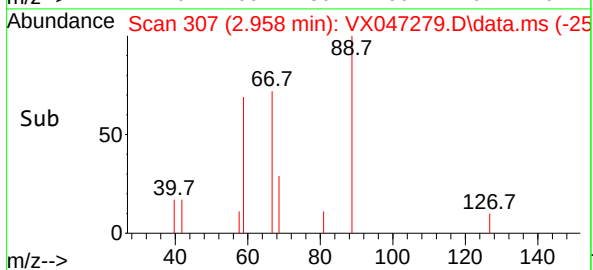
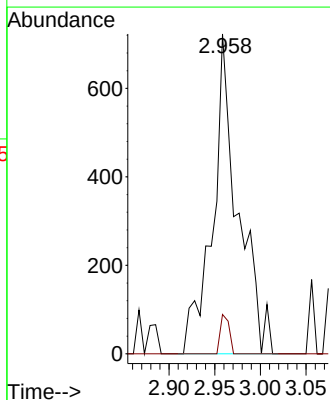
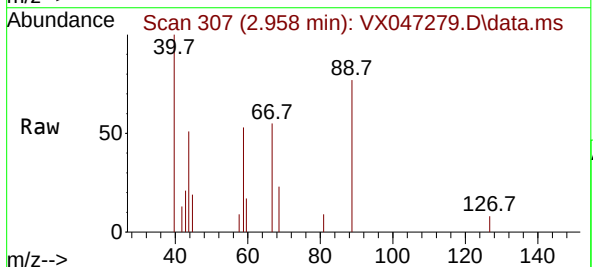
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

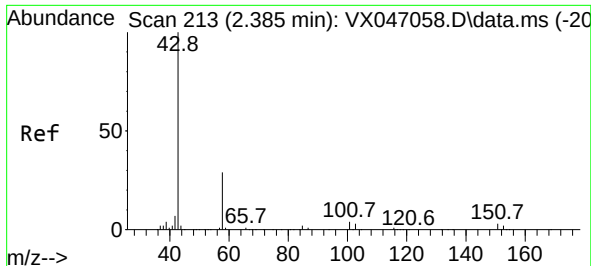
Tgt Ion:142 Resp: 3553
Ion Ratio Lower Upper
142 100
127 49.6 36.6 54.8
141 15.1 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 59 Resp: 1390
Ion Ratio Lower Upper
59 100
57 4.3 8.5 12.7#

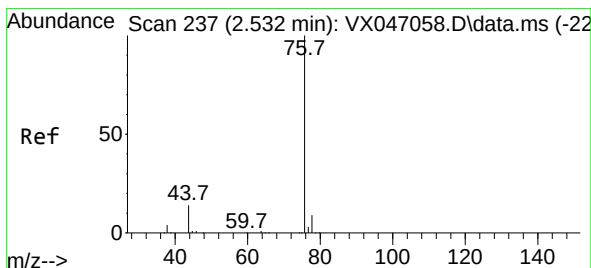
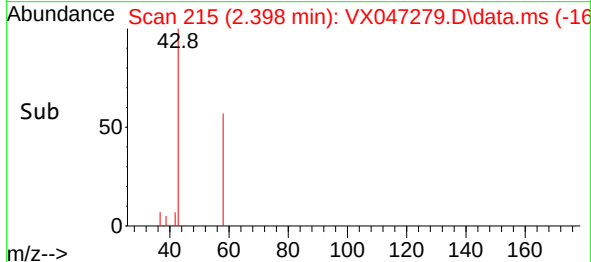
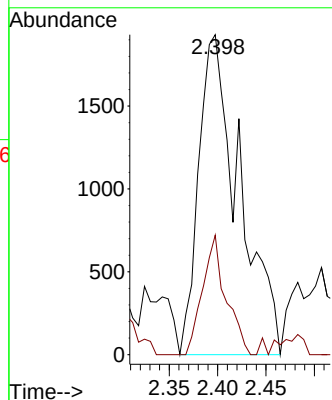
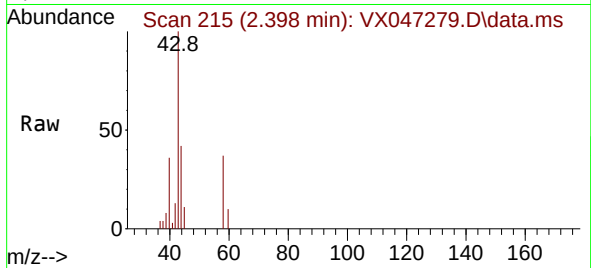




#16
Acetone
Concen: 4.619 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

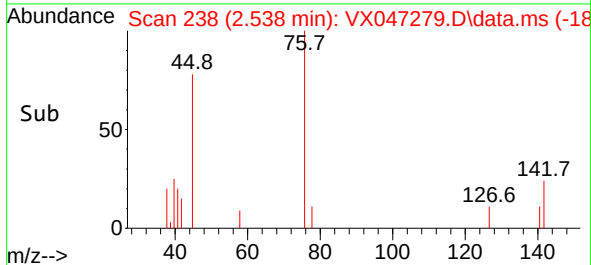
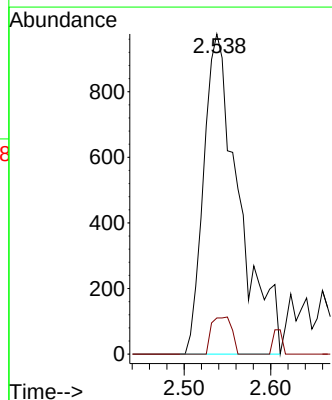
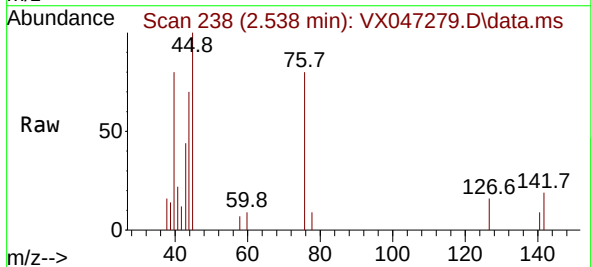
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

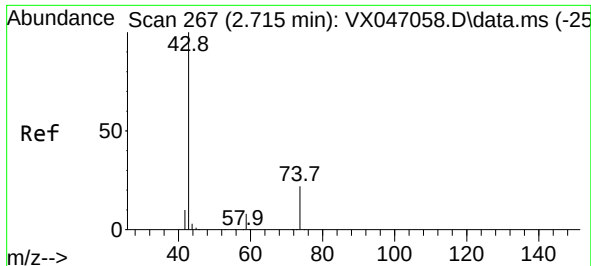
Tgt Ion: 43 Resp: 5624
Ion Ratio Lower Upper
43 100
58 55.0 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 76 Resp: 2758
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.4#

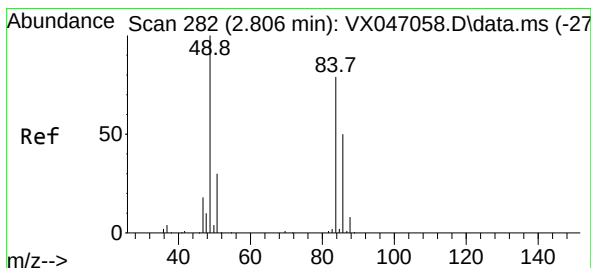
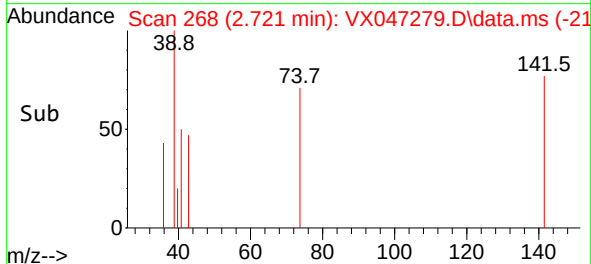
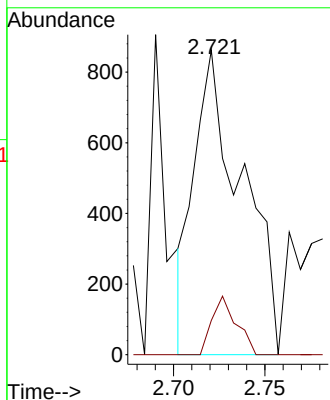
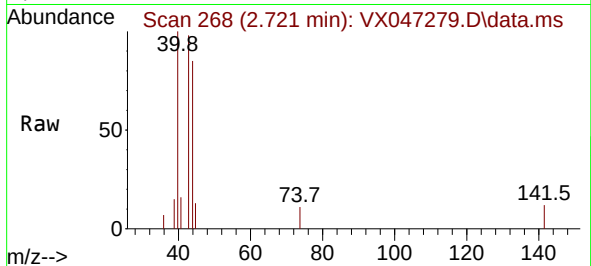




#18
Methyl Acetate
Concen: 0.484 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

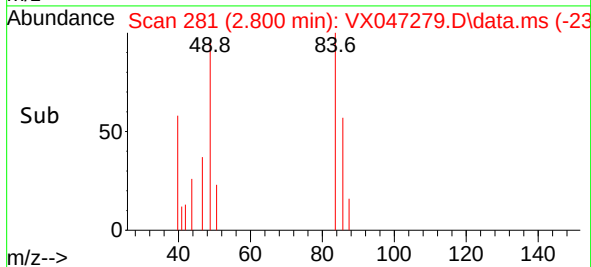
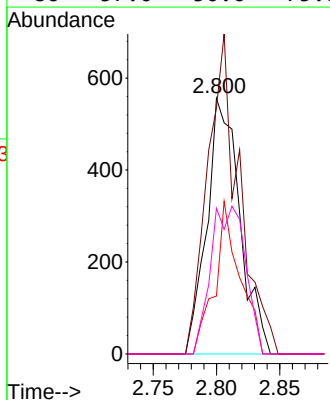
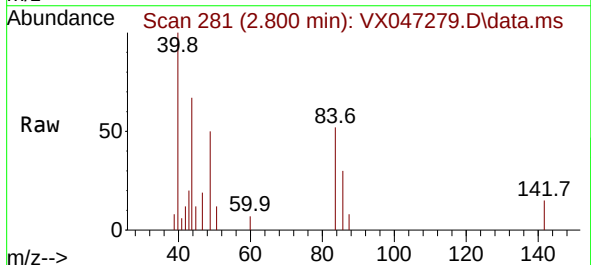
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

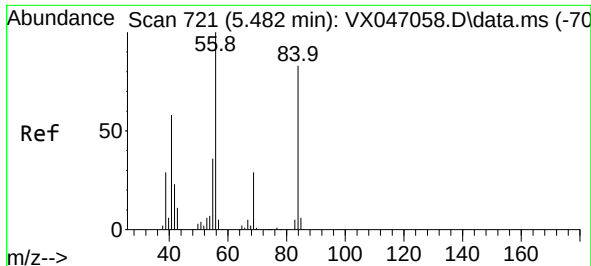
Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
74 9.9 17.7 26.5#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 96.2 101.6 152.4#
51 22.7 30.3 45.5#
86 57.0 50.6 75.8

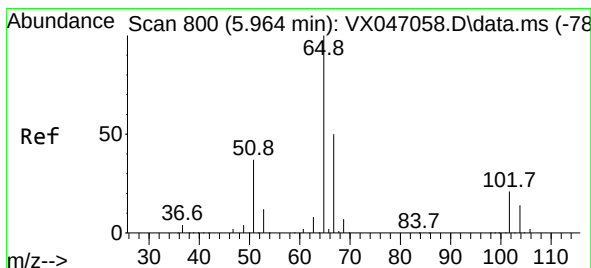
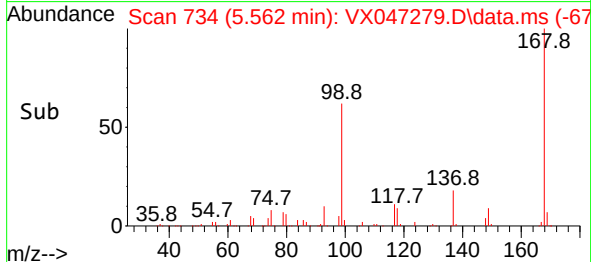
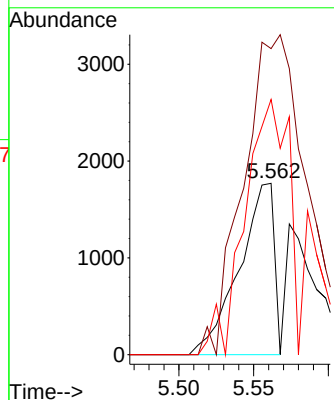
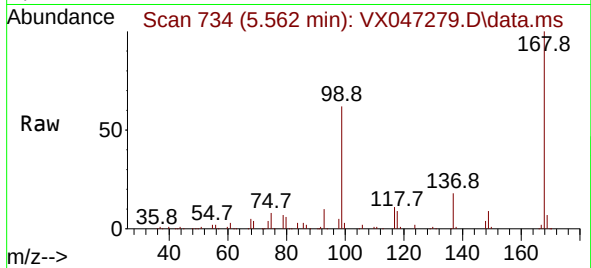




#31
Cyclohexane
Concen: 0.504 ug/l
RT: 5.562 min Scan# 721
Delta R.T. 0.079 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

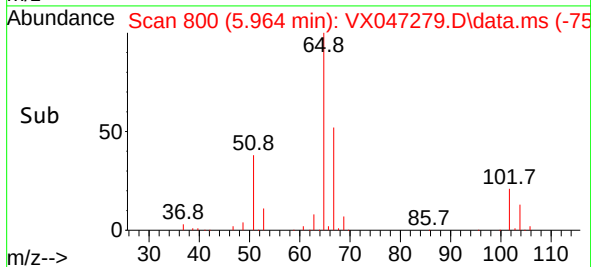
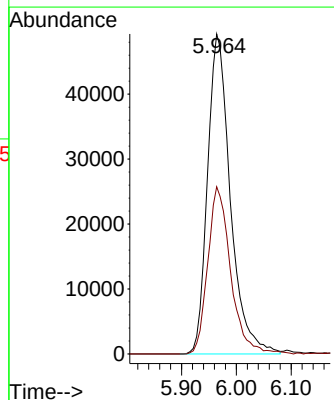
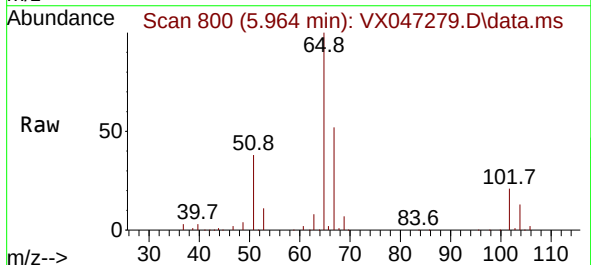
Instrument :
MSVOA_X
ClientSampleId :
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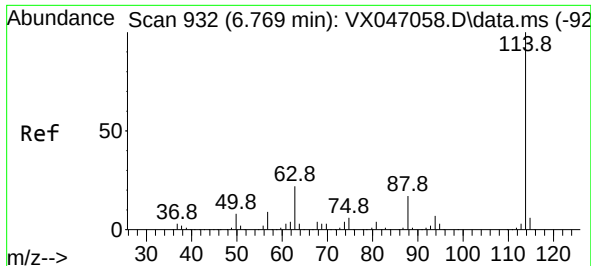
Tgt Ion: 56 Resp: 2866
Ion Ratio Lower Upper
56 100
69 173.5 23.3 34.9#
84 144.6 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 65 Resp: 142242
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

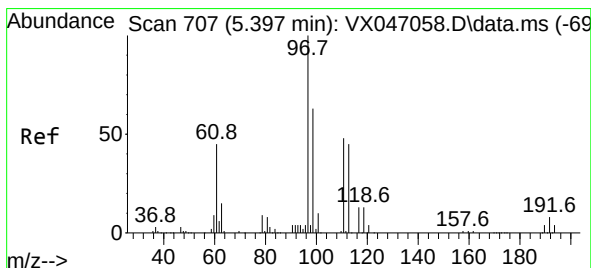
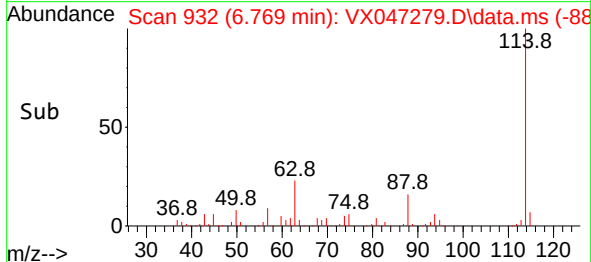
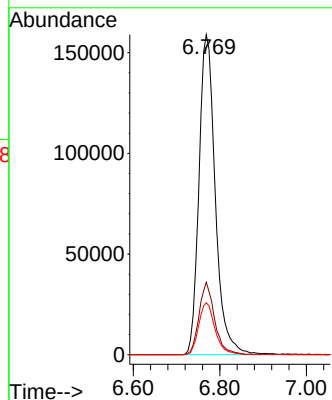
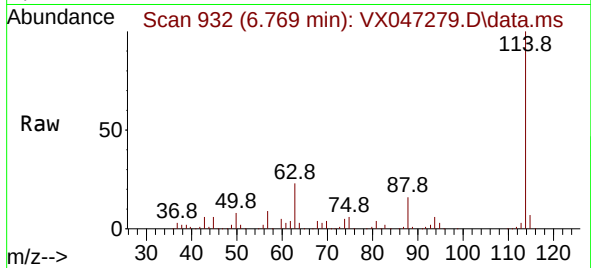




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

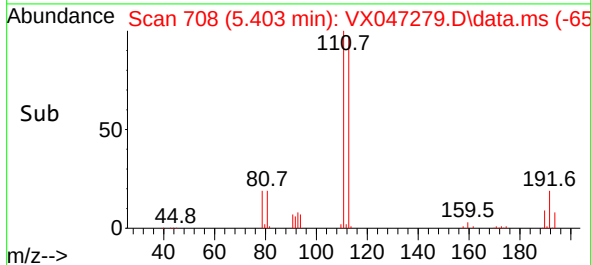
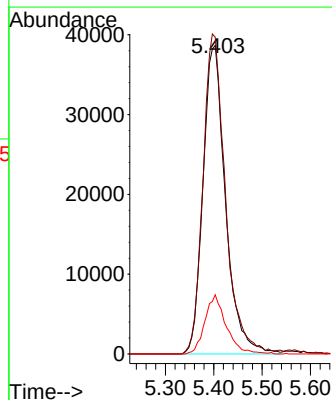
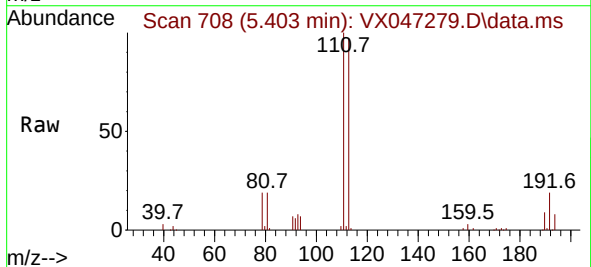
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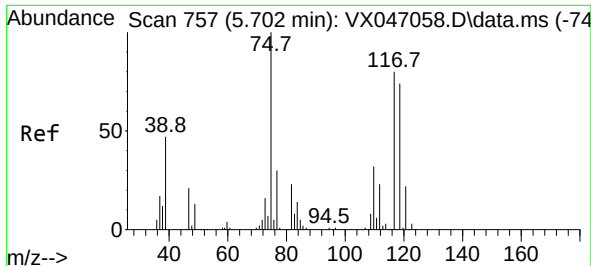
Tgt Ion:114 Resp: 416365
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.649 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion:113 Resp: 125065
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.2 14.9 22.3

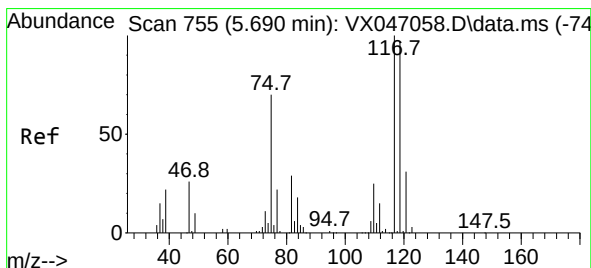
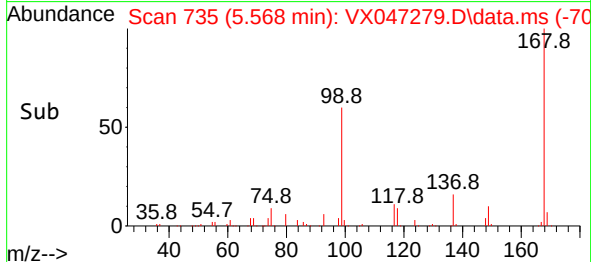
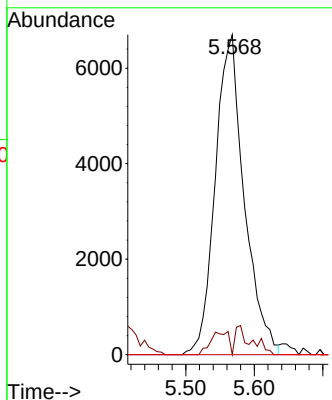
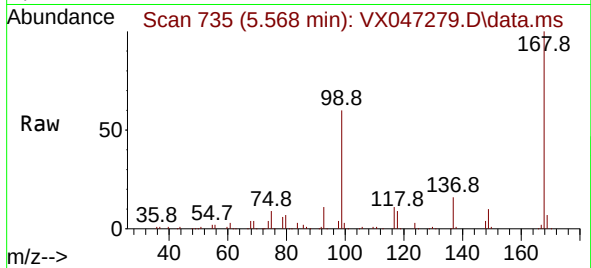




#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 5.568 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

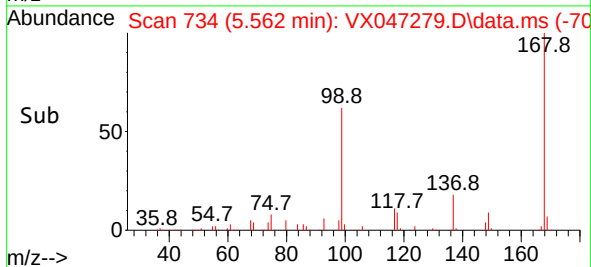
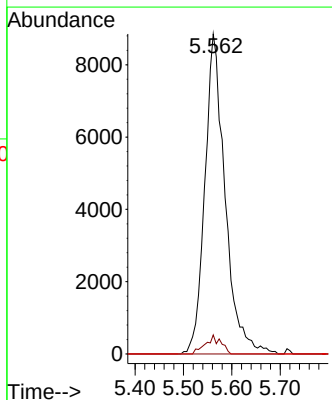
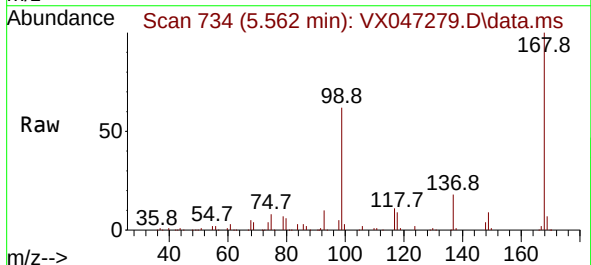
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

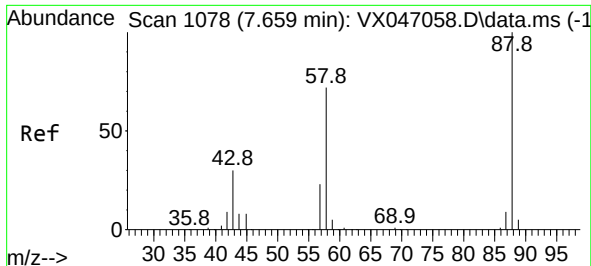
Tgt Ion: 75 Resp: 19687
Ion Ratio Lower Upper
75 100
110 4.4 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 117 Resp: 25738
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 24.4 36.6#

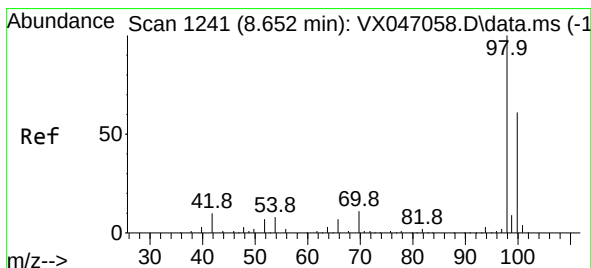
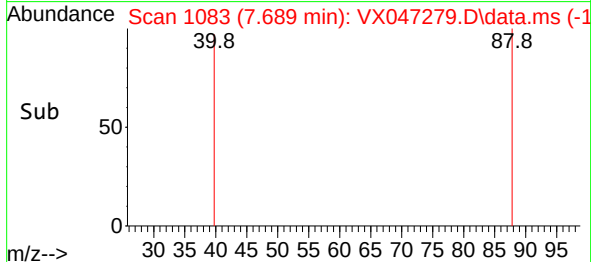
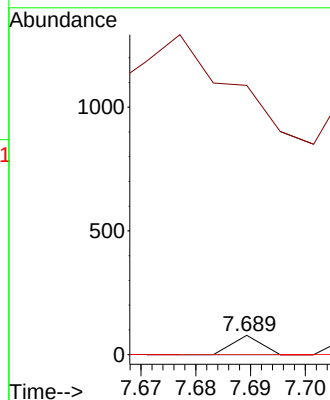
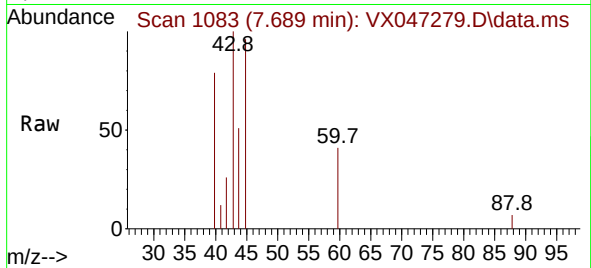




#49
 1,4-Dioxane
 Concen: 0.744 ug/l
 RT: 7.689 min Scan# 1083
 Delta R.T. 0.031 min
 Lab File: VX047279.D
 Acq: 08 Aug 2025 17:57

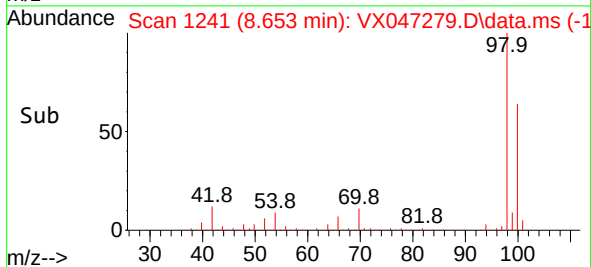
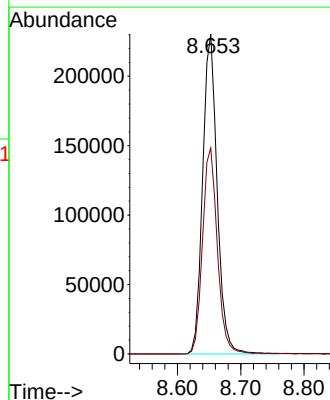
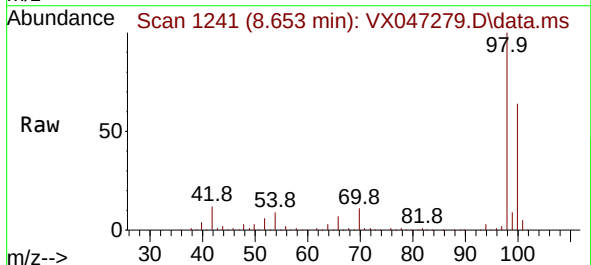
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

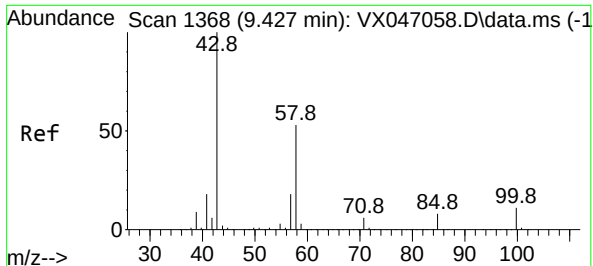
Tgt Ion: 88 Resp: 29
 Ion Ratio Lower Upper
 88 100
 43 2193.1 33.6 50.4#
 58 0.0 58.8 88.2#



#50
 Toluene-d8
 Concen: 44.267 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX047279.D
 Acq: 08 Aug 2025 17:57

Tgt Ion: 98 Resp: 368539
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.3 79.9





#59

2-Hexanone

Concen: 0.592 ug/l

RT: 9.409 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

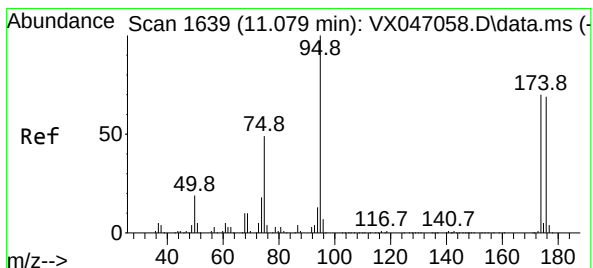
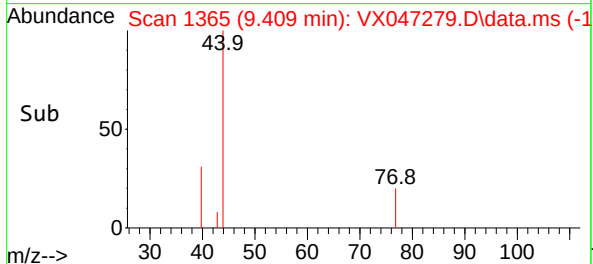
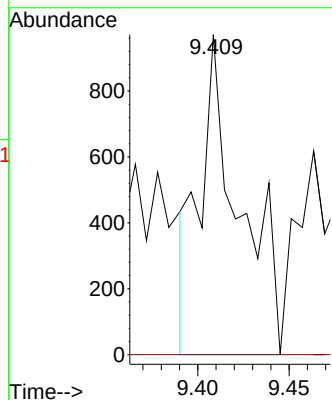
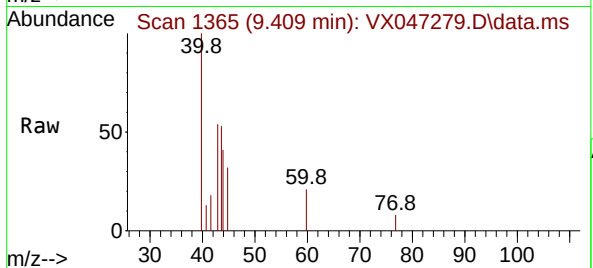
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1464

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 49.988 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

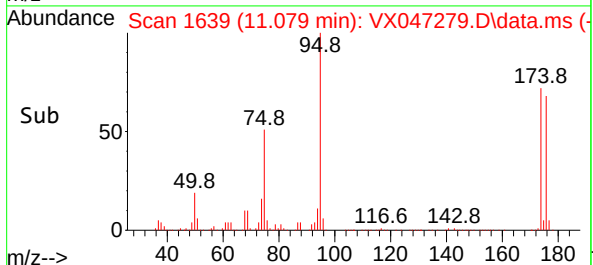
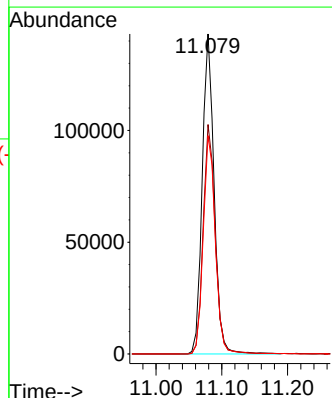
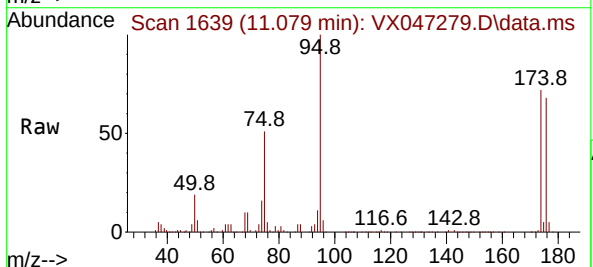
Tgt Ion: 95 Resp: 179347

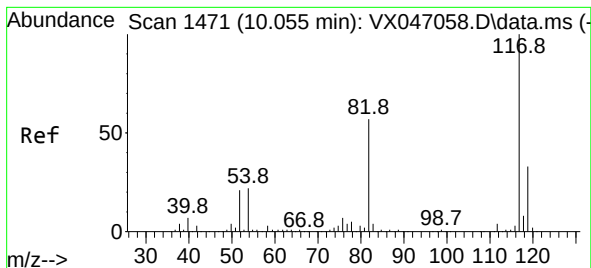
Ion Ratio Lower Upper

95 100

174 72.8 0.0 144.6

176 69.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

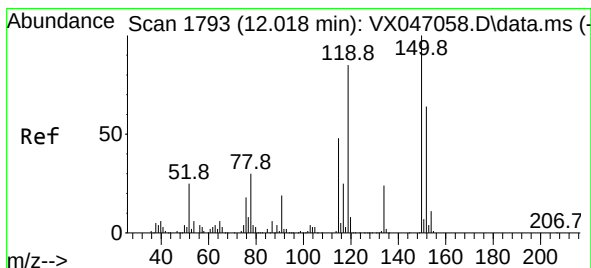
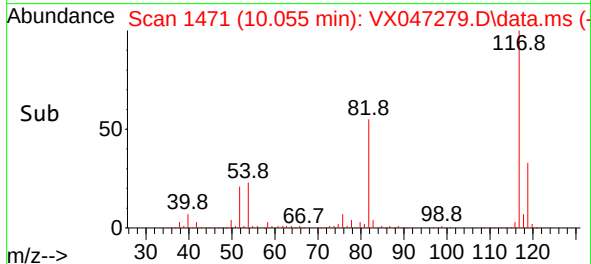
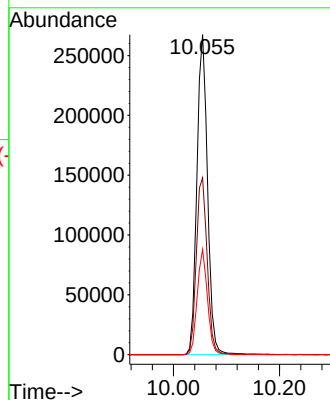
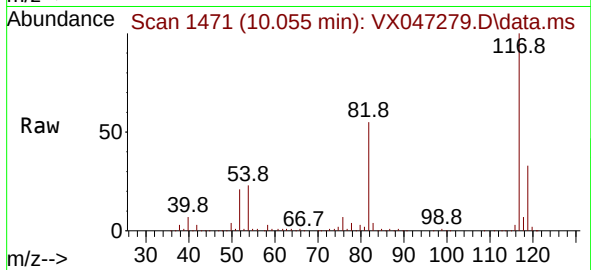
Tgt Ion:117 Resp: 372924

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 32.9 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047279.D

Acq: 08 Aug 2025 17:57

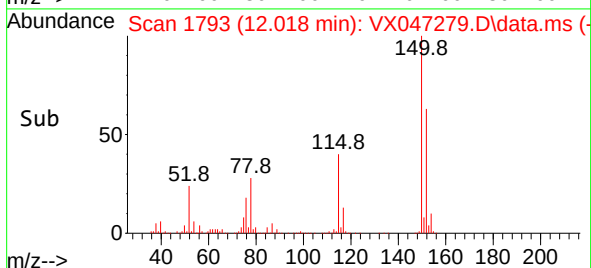
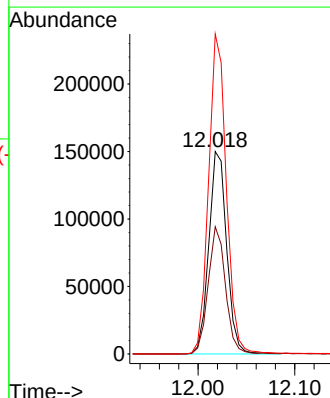
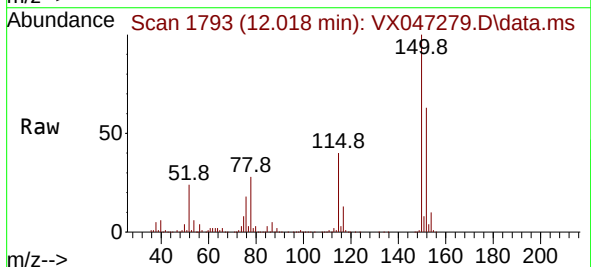
Tgt Ion:152 Resp: 193215

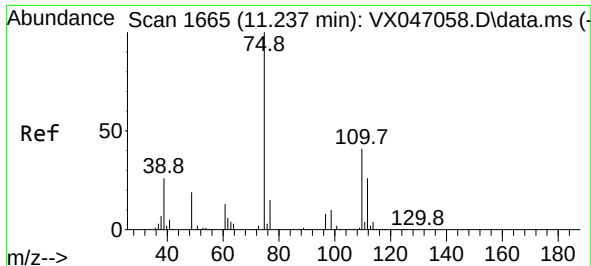
Ion Ratio Lower Upper

152 100

115 61.1 45.6 136.7

150 157.1 0.0 354.6

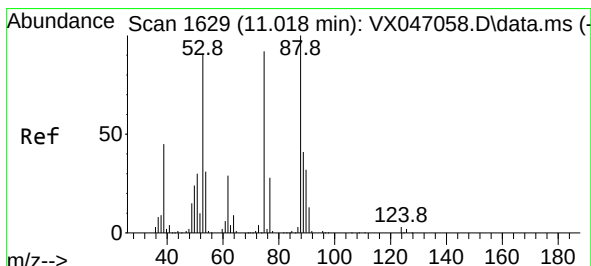
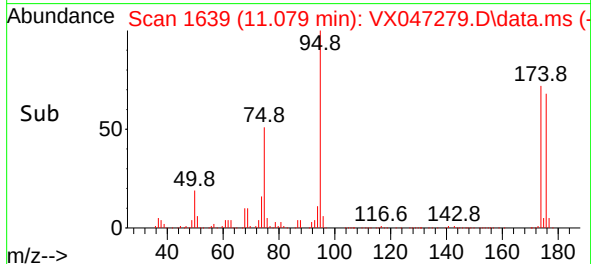
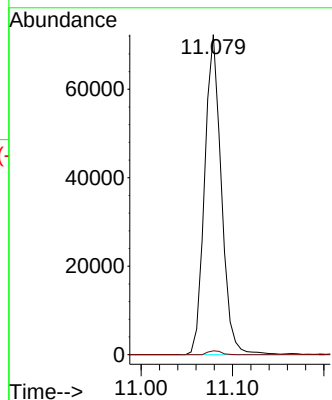
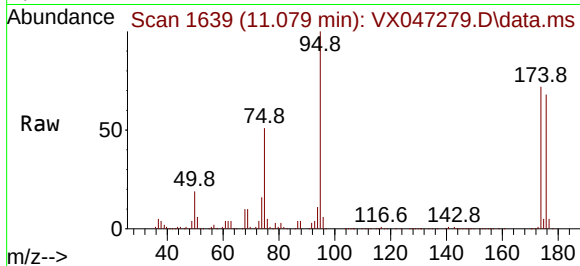




#76
1,2,3-Trichloropropane
Concen: 25.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 91519
Ion Ratio Lower Upper
75 100
77 1.0 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047279.D
Acq: 08 Aug 2025 17:57

Tgt Ion: 75 Resp: 91519
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

